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In the Claims

1. - 8. Canceled

9. (original) A method for performing a filling sequence in a contrast media injector system having a fill tube coupling a syringe to a contrast media, the method comprising the steps of:

expelling substantially all air from the fill tube;

thereafter, filling the syringe at a first rate wherein aeration of the contrast media is prevented, said first rate being faster than a second rate that is a maximum fill rate if air is not previously expelled from the fill tube.

10. (original) The method according to claim 9 wherein the step of expelling includes the steps of:

drawing a first amount of contrast media into the syringe; and

expelling the first amount out of the syringe and fill tube.

11. (original) The method according to claim 9, wherein the step of expelling includes expelling substantially all air from the syringe.

12. (original) A method for changing contrast media containers during a syringe filling sequence, comprising the steps of:

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pausing the syringe filling sequence of a syringe when a first contrast container is substantially emptied;

replacing the first contrast container with a second contrast container;

expelling substantially all air from a fill tube coupled between the syringe and the second contrast container; and

thereafter, resuming filling the syringe from the second contrast container at a first rate wherein aeration of the contrast media is prevented, said first rate being faster than a second rate that is a maximum fill rate if air is not previously expelled from the fill tube.

13. (original) The method according to claim 12 wherein the step of expelling further includes the step of:

expelling a portion of contrast media in the syringe out of the fill tube into the second contrast container.

14. (original) The method according to claim 12, wherein the step of expelling further includes expelling substantially all air from the syringe.

15. (previously presented) The method according to claim 9, wherein the step of expelling is performed by said contrast media injector automatically under the control of control circuitry of the injector.

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16. (previously presented) The method according to claim 9, wherein the step of filling is performed by said contrast media injector automatically under the control of control circuitry of the injector.

17. (previously presented) The method according to claim 9, wherein the steps of expelling and filling are performed by said contrast media injector automatically under the control of control circuitry of the injector.